

DECOTHERM™ 1720 C

DECOTHERM™ 1720 C is a metal decorating varnish that developed for inks used on drawn aluminum cans printed on a spindle press. It is used in conventional steel and tin plate lithographic inks due to its fast cure rate. This can be of value in lowering the oven temperature or increasing the speed through the oven. A typical bake schedule of 300 °F for 10 minutes can be reduced to 3 minutes. Inks are best formulated with 0.5-1% manganese drier.

Application

Drawn aluminum cans printed on spindle press, Steel and tin plate sheet litho, For color cans only-not intended for whites

- ▲ Fast cure rate
- ▲ Scratch resistance
- ▲ Distillate 260-320°C
- ▲ Lowering the oven temperature
- ▲ Good pigment wetting

Typical properties

Property	Value	Unit	Test Method
Viscosity	190	Pa.s	Physica(30 ° C,CP-50), NPQC-056
Tack	16	-	400RPM,32.2 ° C, NPQC-053

Updated January 6, 2025 by JH

Packaging

DECOTHERM™ 1720 C can be available in drums.

Shelf life and storage conditions

Shelf life from date of production is typically 6 months.

The varnish should be stored at temperatures ideally between 10 and 30°C. The packaging should be kept tightly closed and stored in dry conditions.

An increase in viscosity is possible if the varnish is stored in wrong conditions or for an extended period of time.

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